USDA, National Agricultural Statistics Service

# Indiana Crop & Weather Report

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## CROP REPORT FOR WEEK ENDING NOVEMBER 22

### AGRICULTURAL SUMMARY

Rain early in the week kept many farmers out of the fields until the weekend, according to the Indiana Field Office of USDA's National Agricultural Statistics Service. Harvest progress was kept to a minimum, but the grain elevators used the time to catch up with drying of the wet grain. Currently, this is the latest corn harvest since 1992 when approximately 62 percent of the crop was harvested at this time. Farmers have been knifing in anhydrous ammonia, spreading lime, doing fall tillage, installing drainage tile and spraying fall herbicides as time and field conditions permit.

### FIELD CROPS REPORT

There were 3.6 **days suitable for field work** during the week. Seventy-three percent of the **corn** crop has been **harvested** compared to 96 percent for both last year and the 5-year average. By area, 68 percent of the corn acreage has been harvested in the north, 72 percent in the central region and 84 percent in the south. **Moisture** content of harvested corn is averaging about 21 percent.

Ninety-seven percent of the **soybean** acreage has been **harvested** compared with 99 percent last year and 98 percent for the 5-year average. By area, 98 percent of the soybean acreage has been harvested in the north, 97 percent in the central region and 93 percent in the south. **Moisture** content of harvested soybeans is averaging about 13.5 percent.

**Planting** of **Winter Wheat** is nearing completion this fall with many intended acres left idle as the practical planting window has passed. Sixty-six percent of the winter wheat acreage has **emerged** compared with 97 percent last year and 95 percent for the 5-year average.

### LIVESTOCK, PASTURE AND RANGE REPORT

Pastures remain in fairly good condition but are getting muddy with the persistent rain showers. Livestock are in mostly good condition with very little weather related stress being reported. Hay is in good supply.

### CROP PROGRESS TABLE

| Crop | This Week | Last Week | Last Year | 5-Year Avg. |
|---|---|---|---|---|
| | Percent | | | |
| Corn Harvested | 73 | 63 | 96 | 96 |
| Soybeans Harvested | 97 | 93 | 99 | 98 |
| Winter Wheat Emerged | 66 | 55 | 97 | 95 |

### CROP CONDITION TABLE

| Crop | Very Poor | Poor | Fair | Good | Excel-lent |
|---|---|---|---|---|---|
| | Percent | | | | |
| Winter Wheat | 2 | 4 | 51 | 39 | 4 |

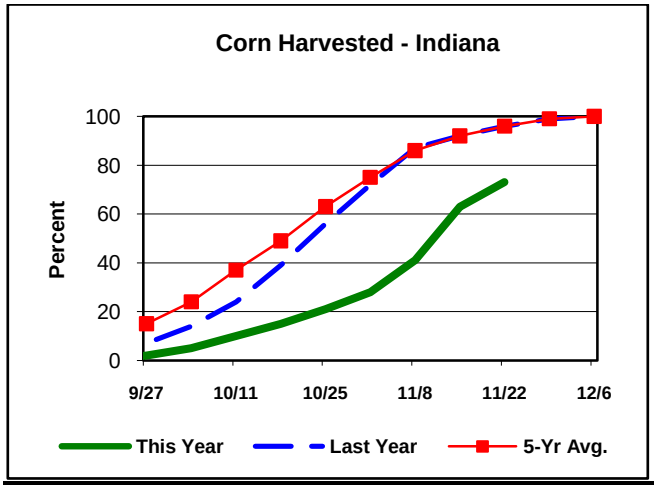
### SOIL MOISTURE & DAYS SUITABLE FOR FIELDWORK TABLE

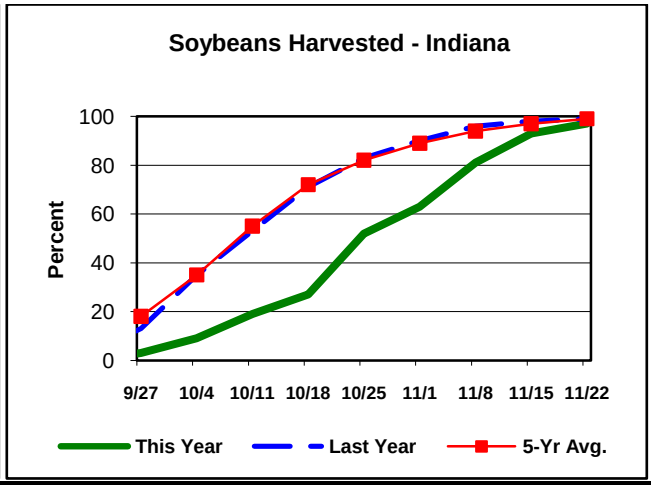
| | This Week | Last Week | Last Year |
|---|---|---|---|
| | Percent | | |
| **Topsoil** | | | |
| Very Short | 0 | 0 | 4 |
| Short | 3 | 4 | 21 |
| Adequate | 72 | 83 | 71 |
| Surplus | 25 | 13 | 4 |
| **Subsoil** | | | |
| Very Short | 0 | 0 | 10 |
| Short | 4 | 6 | 31 |
| Adequate | 78 | 84 | 55 |
| Surplus | 18 | 10 | 4 |
| **Days Suitable** | 3.6 | 6.7 | 5.4 |

### CONTACT INFORMATION

--Greg Preston, Director
--Andy Higgins, Agricultural Statistician
E-mail Address: nass-in@nass.usda.gov
http://www.nass.usda.gov/Statistics_by_State/Indiana/

# Crop Progress




## Other Agricultural Comments And News

## Corn Harvest - Minimizing Foreign Material in the Combine's Grain Tank

Reports from the field are that corn grain is being docked and in some cases rejected due to large amounts of broken corn and foreign material (BCFM). The U.S. standard for No. 2 yellow corn is less than 3% BCFM. Foreign material and grain fines rob grain bin capacity because they occupy space that was intended for grain. Additionally, airflow can be restricted by pockets of foreign material and fines, causing hot spots, damaging grain and possibly leading to fire. Here are a couple of tips to follow if you are finding a large amount of foreign material in your clean grain tank.

**Ground Speed**

Be sure to select a ground speed that does not overload your machine as the engine must be able to maintain its rated engine speed to keep separator and cleaning shoe at full speed. Adjust your speed with the hydrostatic transmission to maintain the engine near rated speed under varying crop conditions.

**Header**

The usual advice for minimizing trash input into the combine by operating the header as high as possible is even more critical in these wet conditions. Introducing tough, wet leaf and stalk material into the combine reduces its effectiveness to thresh, separate and clean the grain.

**Concave Clearance**

Your operator's manual will specify clearances for your particular machine, but generally you'll need to set your concave approximately to the diameter of a shelled cob. A properly adjusted concave will break up some cob, but excessive broken cob is an indicator that the concave is set too close to the cylinder or rotor. Too many broken cobs can lead to high levels of cob in the clean grain tank and/or can overwhelm the cleaning shoe.

**Cylinder or Rotor Speed**

After the concave is adjusted properly, adjust the cylinder or rotor speed to maximize threshing, but make sure you balance this adjustment with grain damage. If grain damage becomes excessive, slow the cylinder or rotor. Do not increase the concave clearance. Concave spacing has very little effect on grain damage in corn.

**Cleaning Shoe**

Always begin harvesting with the chaffer and sieve openings to the maximum specification for corn in your operator's manual. Closing down the sieve will produce clean corn in the grain tank, but it will also increase tailings returned for rethreshing, which can increase grain damage. If there is too much cob in the grain tank, first try increasing airflow, then close the top chaffer sieve a little and finally the lower shoe sieve a little. Wet crop residue will require higher air speed compared to a dry crop.

**(Continued on Back Page)**

# Weather Information Table

## Week Ending Sunday November 22, 2009

| Station | Past Week Weather Summary Data | | | | | | | Accumulation | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | April 1, 2009 thru November 22, 2009 | | | | |
| | Air Temperature | | | | Precip. | | Avg 4in Soil | Precipitation | | | GDD Base 50°F | |
| | Hi | Lo | Avg | DFN | Total | Days | Temp | Total | DFN | Days | Total | DFN |
| **Northwest (1)** | | | | | | | | | | | | |
| Chalmers_5W | 54 | 32 | 43 | +2 | 1.30 | 5 | | 29.18 | +2.39 | 96 | 2693 | -534 |
| Francesville | 54 | 33 | 43 | +5 | 1.15 | 5 | | 29.32 | +2.03 | 86 | 2634 | -306 |
| Valparaiso_AP_I | 53 | 31 | 43 | +4 | 0.82 | 4 | | 25.59 | -4.15 | 88 | 2812 | -139 |
| Wanatah | 55 | 29 | 42 | +4 | 0.80 | 5 | 46 | 30.55 | +2.20 | 99 | 2499 | -295 |
| Winamac | 54 | 33 | 44 | +6 | 1.19 | 5 | | 25.21 | -2.08 | 86 | 2714 | -226 |
| **North Central(2)** | | | | | | | | | | | | |
| Plymouth | 53 | 32 | 43 | +3 | 0.54 | 5 | | 27.36 | -0.77 | 109 | 2642 | -459 |
| South_Bend | 53 | 32 | 44 | +5 | 0.42 | 4 | | 29.63 | +1.91 | 89 | 2811 | -94 |
| Young_America | 55 | 33 | 43 | +5 | 1.58 | 5 | | 27.89 | +1.06 | 66 | 2741 | -297 |
| **Northeast (3)** | | | | | | | | | | | | |
| Fort_Wayne | 56 | 31 | 46 | +7 | 0.66 | 5 | | 27.47 | +3.09 | 90 | 2955 | -99 |
| Kendallville | 58 | 37 | 46 | +7 | 0.54 | 4 | | 23.79 | -1.71 | 104 | 2969 | +94 |
| **West Central(4)** | | | | | | | | | | | | |
| Greencastle | 58 | 30 | 45 | +4 | 1.10 | 5 | | 39.07 | +8.34 | 98 | 2745 | -728 |
| Perrysville | 60 | 30 | 44 | +4 | 2.67 | 5 | 43 | 39.99 | +11.53 | 93 | 3084 | -129 |
| Spencer_Ag | 61 | 31 | 46 | +5 | 1.21 | 4 | | 42.05 | +11.29 | 91 | 3071 | -166 |
| Terre_Haute_AFB | 62 | 31 | 45 | +4 | 0.75 | 3 | | 28.23 | -0.85 | 77 | 3360 | -87 |
| W_Lafayette_6NW | 57 | 31 | 43 | +4 | 2.01 | 5 | 49 | 33.26 | +6.31 | 89 | 2912 | -127 |
| **Central (5)** | | | | | | | | | | | | |
| Eagle_Creek_AP | 60 | 36 | 46 | +5 | 0.89 | 4 | | 35.13 | +8.01 | 88 | 3379 | -30 |
| Greenfield | 62 | 33 | 45 | +5 | 0.83 | 4 | | 40.99 | +11.23 | 93 | 2970 | -302 |
| Indianapolis_AP | 61 | 37 | 47 | +6 | 0.84 | 4 | | 38.55 | +11.43 | 85 | 3515 | +106 |
| Indianapolis_SE | 60 | 32 | 45 | +3 | 0.91 | 3 | | 41.35 | +13.42 | 89 | 2968 | -436 |
| Tipton_Ag | 56 | 35 | 44 | +6 | 1.17 | 5 | 52 | 33.31 | +5.30 | 93 | 2784 | -153 |
| **East Central(6)** | | | | | | | | | | | | |
| Farmland | 58 | 28 | 44 | +5 | 0.77 | 4 | 46 | 25.53 | -1.05 | 86 | 2849 | -14 |
| New_Castle | 61 | 30 | 44 | +5 | 0.50 | 3 | | 34.74 | +6.09 | 87 | 2744 | -193 |
| **Southwest (7)** | | | | | | | | | | | | |
| Evansville | 68 | 34 | 51 | +7 | 1.04 | 2 | | 38.02 | +10.08 | 82 | 4036 | +45 |
| Freelandville | 66 | 35 | 48 | +5 | 2.32 | 4 | | 46.59 | +17.80 | 86 | 3466 | -102 |
| Shoals_8S | 63 | 29 | 47 | +4 | 0.72 | 2 | | 44.69 | +13.30 | 83 | 3123 | -339 |
| Stendal | 67 | 39 | 51 | +8 | 1.07 | 2 | | 47.73 | +16.78 | 82 | 3932 | +191 |
| Vincennes_5NE | 67 | 37 | 49 | +6 | 1.21 | 4 | 52 | 44.81 | +16.02 | 92 | 3620 | +52 |
| **South Central(8)** | | | | | | | | | | | | |
| Leavenworth | 66 | 35 | 49 | +6 | 0.58 | 4 | | 48.87 | +17.28 | 114 | 3496 | +57 |
| Oolitic | 61 | 31 | 46 | +4 | 0.65 | 3 | 45 | 39.59 | +9.51 | 98 | 3183 | -102 |
| Tell_City | 71 | 39 | 53 | +7 | 0.67 | 2 | | 39.56 | +7.98 | 78 | 3829 | -46 |
| **Southeast(9)** | | | | | | | | | | | | |
| Brookville | 64 | 31 | 47 | +6 | 0.71 | 2 | | 34.10 | +5.38 | 84 | 3220 | +116 |
| Greensburg | 65 | 33 | 47 | +6 | 0.58 | 3 | | 41.07 | +11.98 | 88 | 3394 | +204 |
| Seymour | 59 | 32 | 46 | +5 | 0.87 | 2 | | 44.43 | +15.58 | 78 | 3102 | -176 |



DFN = Departure From Normal.
GDD = Growing Degree Days.
Precipitation (Rainfall or melted snow/ice) in inches.
Precipitation Days = Days with precip of .01 inch or more.
Air Temperatures in Degrees Fahrenheit.

For more weather information, visit www.awis.com
or call 1-888-798-9955.

**Monitoring Conditions**
With the recent spell of favorable weather, crop conditions are begining to change. Be sure to check your grain tank throughout the day, when switching fields or varieties and as weather conditions change.

For more information on this year's harvest please visit us at the new University of Wisconsin Cooperative Extension Team Grain website at http://fyi.uwex.edu/grain/.

**References**

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